

ABSTRACT OF THE DISCLOSURE

An optical pickup apparatus for a first optical medium including a first transparent base plate having a thickness of t_1 and a second optical medium including a second transparent base plate having a thickness of t_2 ($t_2 > t_1$), comprises a first light source to emit a first light flux having a wavelength of λ_1 ; a second light source to emit a second light flux having a wavelength of λ_2 ($\lambda_1 < \lambda_2$); a converging optical system having an objective lens and a diffracting section and to converge the first light flux or the second light flux onto the first optical medium or the second optical medium; and an optical detector. When the converging optical system converges the second light flux onto the second information recording surface so as to conduct reproducing and/or recording the information of the second optical information recording medium, a spherical aberration has at least one discontinuous portion or at least one substantially discontinuous portion.